Please type a plus sign (+) inside this box → [+]

10-01-01

PTO/SB/05 (2/98)

# UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|---|---|
| Attorney Docket No. | TI-31118 |
| First Named Inventor or Application Identifier | Douglas T. Grider |
| Title | Method for Transistor Gate Dielectric Layer with Uniform Nitrogen Concentration |
| Express Mail Label No. | EL645459005US |

On Page 1 of the specification, before line 1, insert –This application claims priority under 35 USC § 119(e)(1) of provisional application number **60/241,673** filed **10/19/2000**.--

## APPLICATION ELEMENTS
See MPEP Chapter 600 concerning utility patent application contents

**ADDRESS TO:**
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. [X] Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. [X] Specification [Total Pages **18**]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. [X] Drawing(s) (35 USC d113) [Total Sheets **2**]

4. Oath or Declaration [Total Pages **1**]
   a. [X] Newly Executed (original or copy)
   b. [ ] Copy from a prior application (37 CFR 1.63(d))
   (for continuation/divisional with Box 17 completed)
   **[Note Box 5 below]**
   i. [ ] DELETION OF INVENTOR(S)
   Signed statement attached deleting inventor(s) named in the prior application,
   see 37 CFR 1.63(d)(2) and 1.33(b).

5. [ ] Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. [ ] Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
   a. [ ] Computer Readable Copy
   b. [ ] Paper Copy (identical to computer copy)
   c. [ ] Statement verifying identical of above copies

## ACCOMPANYING APPLICATION PARTS

8. [X] Assignment Papers (cover sheet & Documents(s)) ✓
9. [ ] 37 CFR 3.73(b) Statement (when there is an assignee) [ ] Power of Attorney
10. [ ] English Translation Document (if applicable)
11. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
12. [X] Preliminary Amendment
13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. [ ] *Small Entity Statement(s) (PTO/SB/09-12) [ ] Statement filed in prior application Status still proper and desired
15. [ ] Certified Copy of Priority Document(s) if foreign priority is claimed
16. [ ] Other:

*A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

**17. If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment:

[ ] Continuation  [ ] Divisional  [ ] Continuation-in-part (CIP)  of prior application No: _____/_____ .
Prior application information: Examiner _____  Group / Art Unit: _____

## 18. CORRESPONDENCE ADDRESS

[X] Customer Number or Bar Code Label    23494    or [ ] Correspondence address below

| | |
|---|---|
| NAME | |
| ADDRESS | |
| CITY | STATE |
| COUNTRY | TELEPHONE (972) 917-4258 | FAX (972) 917-4418 |

| | | |
|---|---|---|
| Name (Print/Type) | Peter K. McLarty | Registration No. (Attorney/Agent) 44,923 |
| Signature | | Date 9/28/2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (1/98)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

10.01.01

09/28/01

# FEE TRANSMITTAL

*Patent fees are subject to annual revision on October 1.*
*These are the fees effective October 1, 1997.*
*Small Entity payments must be supported by a small entity statement,*
*otherwise large entity fees must be paid. See Forms PTO/SB/09-12.*

| Complete If Known | |
|---|---|
| Application Number | |
| Filing Date | 09/28/2001 |
| First Named Inventor | Douglas T. Grider |
| Examiner Name | |
| Group / Art Unit | |

| TOTAL AMOUNT OF PAYMENT | ($) 710.00 | Attorney Docket No. | TI-31118 |
|---|---|---|---|

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number: **20-0668**

Deposit Account Name: **Texas Instruments Incorporated**

☒ Charge any additional fee required or credit any overpayment

☐ Charge all indicated fees and any additional fee required or credit any overpayment

2. ☐ **Payment Enclosed:**

☐ Check  ☐ Money Order  ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Entity Fee ($) | Small Fee Code | Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| 101 | 790 | 201 | 395 | Utility filing fee | $710 |
| 106 | 330 | 206 | 165 | Design filing fee | $ |
| 107 | 540 | 207 | 270 | Plant filing fee | $ |
| 108 | 790 | 208 | 395 | Reissue filing fee | $ |
| 114 | 150 | 214 | 75 | Provisional filing fee | $ |
| | | | | SUBTOTAL (1) | ($)710 |

### 2. EXTRA CLAIM FEES

| | Extra Claims | | Fee from below | Fee Paid |
|---|---|---|---|---|
| Total Claims | 13 | -20**= | 0 | x 18 = | 0.00 |
| Independent Claims | 3 | -3** = | 0 | x 80 = | 0.00 |
| Multiple Dependent | | | | = | |

***or number previously paid, if greater; For Reissue, see below*

| Large Fee Code | Entity Fee ($) | Small Fee Code | Entity Fee ($) | Fee Description |
|---|---|---|---|---|
| 103 | 22 | 203 | 11 | Claims in excess of 20 |
| 102 | 82 | 202 | 41 | Independent Claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claims in excess of 3 |
| 109 | 82 | 209 | 41 | **Reissue independent claims over original patent |
| 110 | 22 | 210 | 11 | **Reissue claims in excess of 20 and over original patent |

| | SUBTOTAL (2) | ($)0 |
|---|---|---|

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Fee Code | Entity Fee ($) | Small Fee Code | Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension of time within second month | |
| 117 | 950 | 217 | 475 | Extension of time within third month | |
| 118 | 1,510 | 218 | 755 | Extension of time within fourth month | |
| 128 | 2,060 | 228 | 1,030 | Extension of time within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a pubic use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,320 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 670 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt. | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per properly (time number of properties) | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

| SUBTOTAL (3) | 0.00 |
|---|---|

| SUBMITTED BY | | Complete (if applicable) | |
|---|---|---|---|
| Typed or Printed Name | Peter K. McLarty | Reg. Number | 44,923 |
| Signature | | Date | 9/28/2001 | Deposit Account User ID | |